



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, D.C. 20350-2000

IN REPLY REFER TO

5104
Ser N455C/8U595205
29 Jan 98

From: Chairman, Navy Radiation Safety Committee
To: Commander, Marine Corps Logistics Bases

Subj: NAVY RADIOACTIVE MATERIALS PERMIT NO. 10-67004-T2NP

Ref: (a) OPNAVINST 6470.3
(b) COMMARCORLOGBASES ltr 5104 Code 136 of 18 Dec 97

Encl: (1 Navy Radioactive Materials Permit No. 10-67004-T2NP
Amendment No. 0

1. Per reference (a), your request (reference (b)) to initiate the subject permit has been reviewed and approved by the Navy Radiation Safety Committee. Enclosure (1) provides a record of the approval.
2. Review enclosure (1) carefully to be sure that all conditions are understood.
3. For further information contact NAVSEADET RASO, DSN 953-4692, commercial (757)887-4692.

P. K. BLAKE
By direction

Copy to:
US NRC Region II
CMC (SD)
NAVSEADET RASO

NAVY RADIOACTIVE MATERIALS PERMIT

Pursuant to the authority stated in OPNAVINST 6470.3, Navy Radiation Safety Committee, and in reliance on statements made by the applicant, permission is hereby granted for the acquisition, receipt, possession, use, storage and disposal of radioactive materials listed below subject to the conditions listed in this permit.

1 - COMMAND COMMANDER MARINE CORPS LOGISTICS BASES 814 RADFORD BOULEVARD ALBANY, GA 31704-1128	2 - PERMIT NO. 10-67004-T2NP
	3 - AMENDMENT NO. 0
	4 - DOCKET NO.
	5 - EXPIRATION DATE 31 January 2003

6 - RADIOACTIVE MATERIAL

A. Nickel-63

7 - CHEMICAL/ PHYSICAL FORM

A. Sealed Sources
 (New England
 Nuclear Model
 NER-004R or
 Amersham
 Corporation Model
 Numbers NBC or
 NBCD)

8 - MAXIMUM QUANTITY AUTHORIZED

A. Not to exceed
 15 millicuries
 per source,
 30,000
 millicuries
 total.

9. Authorized Use

A. For use in the Detector Unit M88 of the Automatic
 Chemical Agent Detection Alarm (ACADA).

CONDITIONS

10. Radioactive material shall be used by military and civilian personnel within the Department of the Navy on Department of Defense temporary job sites worldwide.

UNITED STATES NAVY RADIATION SAFETY COMMITTEE

SUPPLEMENTARY SHEET**United States Navy Radiation Safety Committee****Radioactive Materials Permit****PERMIT NO.**

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CONDITIONS (Continued)

11. The Radiation Safety Officer for the activities authorized by this permit is Sharon Stilmack. The Assistant Radiation Safety Officer for the activities authorized by this permit is Odis Gentry.
12. The command's Radioactive Materials Permit application along with submitted procedures and information contained in the application package are considered an integral part of this Permit. The command shall maintain a copy of its application package on file with this Navy Radioactive Materials Permit.
13. The command shall comply with and maintain current copies of the following:
 - a. Title 10, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections", Part 20, "Standards for Protection Against Radiation", Part 21 "Reporting of Defects and Non-Compliance", Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material", and Part 71, "Packaging and Transportation of Radioactive Material".
 - b. OPNAVINST 6470.3, Navy Radiation Safety Committee.
 - c. NAVMED P-5055, Radiation Health Protection Manual.
 - d. OPNAVINST 3100.6, Special Incident Reporting Procedures.

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CONDITIONS (Continued)

- e. NAVSEA S0420-AA-RAD-010, Radiological Affairs Support Program Manual.
- f. Title 49, Code of Federal Regulations, Parts 171-180, "Hazardous Materials Regulations".
- 14. The command shall maintain records for review by the Navy Radiation Safety Committee sufficient to document operational compliance with the above requirements and other conditions of this Permit.
- 15. Radioactive material shall be used by designated personnel who have completed training as specified in the application dated 18 December 1997. Records of designated individuals and training shall be maintained by the Radiation Safety Officer.
- 16. a. (1) The source specified in Item 7 shall be tested for leakage and/or contamination at intervals not to exceed six months. Any source received from another person which is not accompanied by a certificate indicating that a test was performed within six months before the transfer shall not be put into use until tested.

(2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material.

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CONDITIONS (Continued)

- b Any source in storage and not being used need not be tested. When the source is removed from storage for use or transfer to another person, it shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
 - c The test shall be capable of detecting the presence of 0.005 microcuries of radioactive material on the test sample. If the test reveals the presence of 0.005 microcuries or more of removable contamination, the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Nuclear Regulatory Commission regulations. An OPREP-3 NAVY BLUE REPORT shall be made in accordance with OPNAVINST 3100.6. NAVSEASYS COM (SEA-07R) and NAVSEADET RASO will be information addressees to the OPREP-3 NAVY BLUE REPORT.
 - d Records of leak test results shall be kept in units of microcuries and shall be maintained by the Radiation Safety Officer for inspection by the Navy Radiation Safety Committee.
 - e Test for leakage and/or contamination shall be performed by MARCORLOGBASES Albany or by a person specifically licensed by the Nuclear Regulatory Commission or an Agreement State to perform such services.
17. Sealed sources or detector cells containing radioactive material shall not be opened or sources removed from source holders. Malfunctioning devices that cannot be repaired by specified operator procedures shall be returned to the U.S. Army Chemical and Biological Defense Command, Aberdeen Proving Grounds, Maryland.

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CONDITIONS (Continued)

18. The command shall conduct a physical inventory every six months to account for all sources and/or devices received and possessed under this permit. Records of inventories shall be maintained by the Radiation Safety Officer and retained for five years from the date of each inventory.
19. HAZMAT employees as defined in 49 CFR, Part 171.8, shall be trained per 49 CFR, Subpart H - Training, including testing and documentation.
20. Notification of radiation incidents as defined in 10 CFR 20.2202, notification of a defect or failure to comply as defined in 10 CFR 21, notification of excessive radiation levels or contamination on packages monitored pursuant to 10 CFR 20.1906, notification of theft or loss of radioactive material under circumstances which may result in exposure to persons in unrestricted areas as defined in 10 CFR 20.2201 or notification of incidents defined in 10 CFR 30.50 shall be made by OPREP-3 NAVY BLUE REPORT in accordance with OPNAVINST 3100.6. NAVSEASYS COM (SEA-07R) and NAVSEADET RASO will be information addressees to the OPREP-3 NAVY BLUE REPORT. Notification shall be in lieu of any notification required by 10 CFR.
21. Notification of exposures, radiation levels, and concentrations of radioactive material exceeding the limits defined in 10 CFR 20.2203, theft or loss of radioactive material defined in 10 CFR 20.2201, and follow-up reports required by 10 CFR 30.50 shall be reported in writing within 15 days to CNO (N45), NAVSEASYS COM (SEA-07R) and NAVSEADET RASO. Notification to addressees above shall be in lieu of any notification required by 10 CFR.

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CONDITIONS (Continued)

- 22 Except as specifically provided otherwise by this permit, the command shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the command's application and correspondence are more restrictive than the regulations.

a. Letters: 5104 Code 136 of 18 December 1997.

DATE: 29 Jan 98P. K. BLAKE

Captain, MSC, USN

Executive Secretary

Navy Radiation Safety Committee